Bruhat Bangalore Mahanagara Palike

Name of Work: Improvements to Someshwara Hill and Surrounding areas at Attur Ward No.03 in Yelahanka Satelite Town Sub Division

Modified Schedule - B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	KSRRB 200-9. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per	Sqm	6437.50	15.90	
	Above 125%	Sqm	7247.94	15.90	
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum	2251.30	215.28	
	Above 125%	Cum	1176.16	215.28	
3	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301	Cum	4395.31	55.46	
	Above 125%	Cum	1754.79	55.46	
4	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	0.00	2574.74	
5	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per	Cum	443.06	5421.90	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification.	Cum	94.95	7070.20	
7	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	74.03	5647.68	
	Above 125%	Cum	20.60	5647.68	
8	"KSRRB M2100-12.1. Providing and constructing Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications A. Square Rubble Coursed Rubbie	Cum	22.50	4615.24	
9	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries	Sqm	366.29	979.44	
10	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per	Sqm	705.77	276.66	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
11	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications	Sqm	0.00	360.40	
12	Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of	Sqm	1020.08	9144.00	
	Above 125%	Sqm	70.53	9144.00	
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	450.50	273.48	
0	Above 125%	Sqm	40.63	273.48	
14	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500.	MT	21.73	66712.16	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
15	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with	Sqm	0.00	3655.94	
16	Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of	Kgs	0.00	135.68	
17	Providing and fixing 6mm clear / opal white / solar / bronze / blue / green tinted multi wall poly carbonate sheet for tubular structure. The work including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lifts, transportation, loading and unloading and all	Sqm	0.00	3313.56	
18	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of	Sqm	18.20	12475.00	
19	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing	Cum	532.56	4871.76	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
	Above 125%	Cum	132.70	4871.76	
20	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., including cost of materials, labour, HOM complete as per specifications. beyond 1.50 mtrs depth upto & including 3m	Cum	0.00	417.64	
21	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	31.62	5747.32	
22	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation	Sqm	239.94	2337.00	
23	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete	Sqm	6.60	5418.00	
24	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to	Cum	272.25	1994.92	
	Above 125%	Cum	182.90	1994.92	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
25	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between	Sqm	1361.25	1176.60	
	Above 125%	Sqm	654.14	1176.60	
26	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including	Nos	2558.00	432.48	
27	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6.	Sqm	433.85	84.80	
28	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of	Sqm	0.00	1305.92	
29	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 1500 width 45 cms	Each	0.00	18200.00	
30	Manufacturing, Providing and Fixing a Gazebo (of size 22 feet Dia-Aproximate) made of MS Round pipes of 6 inches diameter of 12 SWG for pillars 10 feet in height, in which 8 feet will be above the ground level and 2 feet embedded in cement concrete and providing with MS plate on top of the pillar. MS I section 100x50mm of heavy gauge (for rafter) in placed between the poles on the top of the flush plate. Also MS angular tube of 100x40mm are to be mounted vertically on all 8 pillars. MS angular tubes of	Each	0.00	387925.00	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
31	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per	Cum	600.00	63.94	
0	Above 125%	0.00	446.67	63.94	
32	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per	Cum	263.03	5210.96	
33	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms.	Cum	7.50	5747.32	
	Above 125%	Cum	7.73	5747.32	
34	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 10	Sqm	0.00	966.72	
35	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13	Sqm	0.00	1584.70	
36	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom	Kgs	0.00	157.94	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
37	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and	Nos	0.00	6510.00	
38	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm	Nos	0.00	10930.00	
39	Single Arm Bracket with 1500mm Standard 40/50MM dia	Nos	0.00	2112.00	
40	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT >	Nos	0.00	7160.00	
41	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG	Sqcm	0.00	0.35	
42	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of	Nos	0.00	255.00	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
43	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu =	Nos	0.00	6400.00	
44	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40	Nos	0.00	1336.00	
45	Supplying and Fixing of. mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia	Nos	0.00	835.00	
46	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14	m	0.00	147.00	
47	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.6 sqmm to 16 sqmm	m	0.00	11.88	
48	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR	m	0.00	76.00	
49	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest	m	0.00	20.50	
50	Providing Rcc Pole pedstal of Size 0.5x0.5x1.6 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1;4;8base concrete,1;2;4pedestal concrete and etc coplete	Nos	0.00	4180.00	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
51	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	Nos	0.00	2999.70	
52	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status	Nos	0.00	51500.00	
53	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and	Nos	0.00	350.00	
54	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.	Cum	0.00	316.94	
55	Supplying PVC ring tight pipes conformin to IS 4980 :2000 With latest amendments and conveying to work site rolling and lowering into trenches laying true line level and prefect linking at joints testing and commissoning incuding loading and un loading at both destinations and cuts of pipes wherever neccessary including	Mtr	0.00	122.00	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
56	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. includingcost of all labour complete as	Cum	0.00	128.26	
57	TEXMO, Atalanta,Suguna,CRI KIRLOSKAR AND other equipment pumps 10.00 HP/7.5Kv(30	Nos	0.00	58466.00	
58	Providing & fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS 15450 duly "ISI" marked, U.V. stabalized with Carbon black for hot & cold water supply, capable to withstand temperature upto 80°C including all special composite fittings (engineering plastic blend and brass inserts wherever required.) e.g. elbows, tees, reducers, couplers & connectors etc. with tranching &	Mtr	0.00	558.62	
59	Earthwork excavation by manual means for foundations, either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches , stacking the excavated soil clear from edges from edges of excavation with lead upto 50m, including breaking of clods complete as per specification in hard soil .	Cum	56.78	322.92	
60	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift.	Cum	3.60	2623.32	
61	Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, Surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth	Sqm	7.03	114.48	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
62	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine	Cum	8.21	5510.16	
63	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing	Cum	5.49	4963.68	
64	KSRB 4.1.6 : Providing and laying in position reinforced cement concrete of design mix M15 with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return	Cum	0.93	5855.76	
65	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for	Cum	7.47	6111.72	
0	Above 125%	0.00	2.38	6111.72	
66	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams	Cum	10.95	6363.36	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
67	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	28.80	278.64	
0	Above 125%	0.00	26.34	278.64	
68	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications.	Sqm	81.71	815.40	
0	Above 125%	0.00	15.57	815.40	
69	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per	Sqm	91.14	1029.24	
70	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour,	MT	1.83	69562.80	
71	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. Including cost of all labour complete as	Cum	248.83	217.08	
0	Above 125%	0.00	60.29	217.08	
72	Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry incluing rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Cement	Sqm	126.96	281.88	
0	Above 125%	0.00	107.08	281.88	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
73	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Colour glazed tiles 30x60 cms	Sqm	109.95	1762.56	
74	KSRB 15-3.14: Providing 12mm thick cement plaster in single coat with cement mortar 1:4 (with lime rendering) to ceiling inclunding & rounded off corners wherever required smooth rendering Providing & removing scaffolding, including cost of materials, labour curing complete as per specification	Sqm	43.14	243.00	
0	Above 125%	0.00	123.26	243.00	
75	Providing vitrified tiles 60 x 60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour,	Sqm	29.16	972.00	
76	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour,	Sqm	9.00	1213.92	
	Above 125%	Sqm	0.60	1213.92	
77	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as	Sqm	0.00	110.16	
78	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over	Sqm	43.14	1073.52	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
0	Above 125%	0.00	8.03	1073.52	
79	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles &5mm thick & 75mm wide PVC Sheets for top rail, lock rail &	Sqm	7.88	2999.16	
80	KSRB 9.4-3 : Providing Mathi / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per	Sqm	0.16	68479.56	
	Above 125%	Sqm	1.16	68479.56	
81	KSRB 9.5-3 : Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per	Sqm	5.04	4510.08	
82	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. Fixing of Door	Sqm	0.00	1475.28	
83	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	Sqm	43.26	102.60	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
84	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal	m	50.00	253.80	
85	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 32 mm nominal	m	49.00	403.92	
86	KSRB13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per	Each	0.00	362.88	
87	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and	Unit	0.00	5352.48	
	Above 125%	Unit	0.00	5352.48	
88	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling	Unit	0.00	4561.92	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
89	KSRB 11-7.3 : Providing and fixing white vitreous china clay, flat back, lipped front urinal asin of 430x260x350mm in the range of three 7.5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. lamps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour	Unit	0.00	3551.04	
90	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (I.No. 12.23 of PWD SR	Unit	0.00	4327.56	
91	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads	Each	0.00	186.84	
92	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and	Each	0.00	270.00	
93	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including	Each	0.00	1226.88	
94	KSRB 13-11 : Providing and placing on terrace, polyethylene water storagetanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements,making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges,	Nos	0.00	7374.24	
95	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using copper PVC insulated multi strand2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a	Each	0.00	174.00	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
96	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using copper PVC insulated multi strand2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. (5/2.1) I. Point wiring using class A	Each	0.00	245.00	
97	Supplying and mounting 2 Nos. of 2 way 6 amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flush mounted	Each	0.00	171.00	
98	Supplying 6A flush type socket and 6 amps flush type SP switch either flush mounting in a existing in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as	Each	0.00	150.00	
99	Supply and fixing of bakelite modular switch/ socket /stepped electronic fan regulator on existing modular switch plate as per IS 3854 and	Each	0.00	286.00	
100	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required.(47/6.16) 5-32Amps SPN	Each	0.00	418.00	
101	Fixing all types and all capacities of fluorescent / false ceilling / spot / LED fittings indoor on the wall / celling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos	Each	0.00	98.00	
102	Supplying of 1440rpm heavy duty exhaust fan with bracke tblades suitable to operate on 230V 50Hz, AC Supply complete.(78/9.2.2) I) 12" Sweep (300mm)	Each	0.00	3654.00	
103	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved.(78/9.3.1.2) a.Regular model (Khaitan, Crompton Greaves, Orient, Polar, Bajaj,Havells) 48" (1200mm)	Each	0.00	1900.00	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
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104	Supplying of 2'x2' LED recessed liminaire with 36 Watts system wattage. Housing Shall be with pressure die cast aliminum alloy with corrosion proof resistant polyester power coated. Drive operates with voltage range from 100V to 270V 50/60Hz with short circuit, overload and mis-wiring protection. Lumen Maintenance of 70%	Each	0.00	8242.00	
105	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised, steel wire/steel tap armoured cable with PVC outer sheathing 1.1 KV class.(55/7.4) Class `A' PVC Cable 3.5 core 25 sqmm	mtr	0.00	657.00	
106	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc., complete.(As per Civil SR	mtr	0.00	78.00	
	EIRL				
E1	KSRB 5.2-3: Providing and constructing granite / trap/ basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing	Cum	126.84	4762.69	
E2	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete.	Sqm	67.58	5690.00	
E3	KSRB 2.2.6: Excavation for foundation of buildings, water supply & sanitary lines & electrical conduits etc., either in pits or in trenches 1.50m & above in width in hard rock by chiselling and / or wedging where blasting is prohibited, not excluding 1.50m in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50m	Cum	301.90	2164.09	
E4	KSRB 2.14-1: Extra for additional lift of 1.5m. In soft or hard rock Or part there of for excavation in soil / rock including cost of materials, labours	Cum	301.90	37.09	

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
E5	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S: 2185 (Part 1): 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries	Sqm	38.54	859.49	
E6	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support MS Square of 20x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom	Kgs	8805.99	157.91	
E7	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, including cost of all materials,	Cum	258.95	5407.04	

Executive Engineer,
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